

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	"5412748".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/11 12:28
L11	2	"20030233133".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/11 13:11
S1	972	607/55-57.ccls. or 607/36-38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 08:02
S2	333	S1 and cochlear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 11:09
S3	61	S2 and hermetic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 11:09
S4	1045	607/55-57.ccls. or 607/36-38.ccls. or 607/137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 11:12
S5	445	S4 and cochlea\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 15:32
S6	73	S5 and hermetic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 11:13
S7	56	S6 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 11:13

## EAST Search History

S8	3971	cochlea\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 13:21
S9	278	S8 and hermetic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 13:22
S10	181	S9 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 13:22

## EAST Search History

S11	271	("20020166618"   "2756375"   "3177406"   "3235939"   "3236240"   "3334275"   "3340491"   "3419844"   "3441897"   "3517437"   "3538464"   "3545606"   "3548347"   "3573710"   "3582978"   "3617830"   "3646940"   "3648002"   "3665239"   "3701964"   "3920888"   "3960424"   "3994552"   "4006748"   "4045107"   "4050956"   "4071032"   "4083022"   "4142532"   "4144509"   "4148003"   "4152540"   "4180078"   "4180700"   "4220813"   "4237895"   "4239312"   "4247881"   "4284085"   "4288841"   "4301324"   "4314213"   "4314562"   "4352951"   "4362792"   "4411277"   "4421947"   "4424551"   "4456786"   "4500159"   "4516820"   "4517738"   "4614194"   "4616655"   "4626960"   "4673900"   "4693409"   "4712557"   "4715380"   "4737601"   "4740414"   "4741710"   "4785827"   "4809712"   "4835365"   "4871583"   "4940858"   "4942984"   "4988333"   "4989617"   "4991582"   "5023147"   "5030796"   "5032692"   "5046242"   "5070605"   "5105811"   "5142430"   "5293069"   "5333095"   "5358514"   "5368220"   "5406025"   "5406444"   "5433820"   "5439732"   "5440447"   "5440805"   "5442145"   "5450090"   "5456004"   "5478972"   "5531003"   "5538810"   "5539611"   "5620476"   "5650759"   "5670063"   "5681172"   "5700724"   "5735884"   "5750926"   "5751539"   "5759197"   "5766042"   "5817130"   "5817984"   "5825608"   "5833714"   "5866851"   "5867361"   "5870272"   "5896267"   "5905627"   "5959829"   "5973906"   "6008980"   "6031710"   "6272382"   "6349025"   "6414835"   "6422991"   "6589229").PN. OR ("2001/0050837"   "2003/0010808"   "2003/0109903"   "2003/0125602"   "2003/0213605"   "2004/0137319"   "2004/0147992"   "4516820"   "4785827"   "5105811"   "5272283"   "5562716"   "5782891"   "5973906"   "6008980"   "6321126"   "6529103"   "6586675"   "6643903"   "6736771"   "6765770"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 14:06
-----	-----	--	------------------------------	----	-----	------------------

## EAST Search History

S12	1045	607/55-57.ccls. or 607/36-38.ccls. or 607/137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 15:32
S13	445	S12 and cochlea\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 15:32
S14	345	S13 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 16:23
S15	1643844	semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 16:23
S16	9845	S15 and hermetic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 16:24
S17	5981	S16 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 16:24
S18	666	S17 and ("n-type" or "p-type")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 16:25
S19	281	S18 and terminal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 16:25
S20	209	S19 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 16:29
S21	284	"virtual wire"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 16:29

## EAST Search History

S22	86	S21 and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 16:29
S23	72	S22 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 14:56
S24	390313	circuit adj board	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 17:16
S25	100660	S24 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 17:17
S26	36262	S25 and wire	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 17:17
S27	29906	S26 and conduct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 17:18
S28	16746	S27 and (hole or feedthrough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 17:19
S29	842	S28 and ("n-type" or "p-type")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 17:20
S30	558	S29 and path\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 17:21
S31	686	S29 and (path\$4 or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 17:21

## EAST Search History

S32	115	S31 and hermetic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 17:21
S33	81	S32 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/07 17:21
S34	2	"5333095".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/08 09:57
S35	12	"3920888".pn. 4152540.pn.  4421947.pn. 4424551.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 17:44
S36	179	cochlear and aperture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 17:44
S40	96	S36 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 17:46
S42	2	"20030109903".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/09 09:28
S43	4	"6537200".pn. 6697674.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 16:15
S44	1644713	semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 16:15
S45	174	S44 and cochlear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 16:27

## EAST Search History

S46	130	S45 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 16:16
S47	35	S45 and aperture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 16:27
S48	0	("2004/0257884").URPN.	USPAT	OR	OFF	2006/03/09 16:48
S49	65746	(semiconductor or silicon or germanium or "gallium arsenide") and ("n-type" or "p-type")	USPAT	OR	ON	2006/03/09 16:49
S50	6	S49 and cochlear	USPAT	OR	ON	2006/03/09 16:50
S51	581037	terminal and electrical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:12
S52	484	S51 and cochlear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:12
S53	245	S52 and wire	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:12
S54	64	S53 and (terminal with wire with connect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:12
S55	43	S54 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:15
S56	2	"6321126".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:15
S57	19	("2647218"   "3367696"   "3502837"   "3517437").PN. OR ("5046242").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/09 19:17

## EAST Search History

S58	1154	cold adj weld	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/09 19:17
S59	1	S58 and cochlear	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/09 19:18
S60	736	S58 and electrical	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/09 19:18
S61	492	S60 and wire	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/09 19:21
S62	2	S61 and mechanical adj tension	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/09 19:21
S63	2	S61 and mechanical adj tension	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 19:27
S64	75	S61 and tension	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 19:31
S65	22078	ball adj grid adj array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 19:31
S66	4	S65 and cochlear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 19:33
S67	8849	substrate and (conductive adj region)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 19:56
S68	3	S67 and cochlear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 19:37



## EAST Search History

S69	2629	S67 and implant\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 19:56
S70	49	S69 and ("600".clas. or "607".clas. or "128".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/09 19:57
S71	2	"20030233133"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/10 11:46
S72	2	"20030109903".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/10 11:54
S73	119661	aperture and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 11:54
S74	10129	S73 and implant\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 11:54
S75	1851	S74 and extension	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 11:55
S76	99	S75 and casing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 11:55
S77	51	S76 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 11:55
S78	2059517	substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/10 17:15

## EAST Search History

S80	159886	S78 and (depression or groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:16
S81	26249	S80 and wire	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/10 17:16
S82	10805	S81 and (insert or secure or (cold adj weld) or tension)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:17
S83	8156	S81 and (insert or secure or ((cold adj weld) and tension))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:17
S84	4	S83 and ((cold adj weld) and tension)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:21
S85	2395	wire with (substrate and (depression or groove))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:22
S86	243	S85 and ((cold adj weld) or tension)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:22
S87	1	S85 and ((cold adj weld) and tension)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:22
S88	168	S86 and wire with (secur\$3 or fasten\$3 or locat\$3 or position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:23
S89	136	S88 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:48

## EAST Search History

S90	168	tension and (cold adj weld)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:48
S91	94	S90 and wire	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:48
S92	22	S91 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:48
S93	18	S92 and @ad<="20030313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/10 17:48